

Author Index

- | | |
|-----------------------|---------------------|
| Bertrand, J.C. 209 | Mikita, M.A. 67 |
| Cameron, D.F. 121 | Mille, G. 209 |
| Chen, Y. 35 | |
| Choppin, G.R. 159 | Orlandini, K.A. 159 |
| Cornelis, R. 269 | |
| Cronan, C.S. 179 | Pape, C. 1 |
| | Patterson, H.H. 179 |
| De Leeuw, J.W. 89 | Patti, A.F. 49 |
| den Elzen, M.G.J. 229 | Picel, K.C. 159 |
| Douglas, L. 49 | Plankey, B.J. 179 |
| Doumenq, P. 209 | Preston, C.M. 107 |
| | |
| El Jammal, T. 209 | Quan, W.-Y. 197 |
| | |
| Gaffney, J.S. 159 | Raben-Lange, B. 281 |
| Gingle, A.R. 1 | Raes, H. 269 |
| Grøn, C. 281 | Rema, J.A. 1 |
| | Rotmans, J. 229 |
| Hadar, Y. 35 | Rzeznik, U. 269 |
| Hartung, H.A. 17 | |
| Hatcher, P.G. 89 | Shenber, M.A. 287 |
| Himmelsbach, D.S. 1 | Sohn, M.L. 121 |
| Huang, P.M. 147 | Swart, R.J. 229 |
| | |
| Inbar, Y. 35 | Tan, K.H. 1 |
| | Taylor, T.A. 179 |
| Johanson, K.J. 287 | Tegelaar, E.W. 89 |
| | Thorn, K.A. 67 |
| Keinonen, M. 251 | Tian, D.-H. 197 |
| Kögel-Knabner, I. 89 | |
| | Verheyen, T.V. 49 |
| Lakshman, S. 179 | |
| Lobartini, J.C. 1 | Wang, M.C. 147 |
| Lowe, L.E. 133 | Wang, X. 49 |
| | |
| Marley, N.A. 159 | Zhao, Z.-H. 197 |

Subject Index

- ¹³C-NMR and IR spectroscopy, commercial humates, agriculture, geochemical characteristics, plant growth, soil humates, 1
- ¹³C-NMR, forest soil, decomposition, woody debris, lignin, humus, 107
- ¹³C-NMR py-GC(-MS), forest soils, organic matter, humic substances, alkyl carbon, 89
- ¹⁵N-NMR, ammonia fixation, humic substances, INEPT, DPETGL, ACOUSTIC, 67
- Abiotic ring cleavage, Mn(IV) oxide, polyphenol, polymerization, environment, 147
- ACOUSTIC, ammonia fixation, humic substances, ¹⁵N-NMR, INEPT, DPETGL, 67
- Adsorbable organic halogens, humic acids, soil, 281
- Agriculture, commercial humates, geochemical characteristics, plant growth, ¹³C-NMR and IR spectroscopy, soil humates, 1
- Alkyl carbon, forest soils, organic matter, humic substances, ¹³C-NMR py-GC(-MS), 89
- Alternative, chlorofluorocarbons, global warming, Integrated Model to Assess the Greenhouse Effect, 229
- Ammonia fixation, humic substances, ¹⁵N-NMR, INEPT, DPETGL, ACOUSTIC, 67
- Anaerobic, humic, methane, microorganisms, peat, sewage, 17
- Aromaticity, humic acids, metal complexation, 121
- Brown coal, nitrohumic acids (NHA), pyrolysis GC-MS, soil incubation with NHA, soil ammonium, 49
- Caesium, peat, uptake, zeolite, 287
- Chemical characterization, humics, fulvics, ultrafiltration, pollutant transport, 159
- Chlorofluorocarbons, alternative, global warming, Integrated Model to Assess the Greenhouse Effect, 229
- Commercial humates, agriculture, geochemical characteristics, plant growth, ¹³C-NMR and IR spectroscopy, soil humates, 1
- Composing, humic acids, grape marc, 35
- Decomposition, forest soil, ¹³C-NMR, woody debris, lignin, humus, 107
- DPETGL, ammonia fixation, humic substances, ¹⁵N-NMR, INEPT, ACOUSTIC, 67
- Environment, lead, isotope ratios, man, 251
- Environment, Mn(IV) oxide, polyphenol, abiotic ring cleavage, polymerization, 147
- ESCA, peat sulphur, humic acid, sulphur fractions, 133
- Fatty acids, hydrocarbons, sediments, Mediterranean sea, 209
- Forest soil, decomposition, ¹³C-NMR, woody debris, lignin, humus, 107
- Forest soils, organic matter, humic substances, alkyl carbon, ¹³C-NMR py-GC(-MS), 89
- Fulvics, humics, ultrafiltration, chemical characterization, pollutant transport, 159
- Fulvic acids, synchronous fluorescence, metals, kinetics, 179
- Geochemical characteristics, commercial humates, agriculture, plant growth, ¹³C-NMR and IR spectroscopy, soil humates, 1
- Global warming, chlorofluorocarbons, alternative, Integrated Model to Assess the Greenhouse Effect, 229
- Grape marc, humic acids, composing, 35

- Honeybees, lead, pollution, 269
- Humic, anaerobic, methane, microorganisms, peat, sewage, 17
- Humics, fulvics, ultrafiltration, chemical characterization, pollutant transport, 159
- Humic acid, peat sulphur, sulphur fractions, ESCA, 133
- Humic acids, adsorbable organic halogens, soil, 281
- Humic acids, composing, grape marc, 35
- Humic acids, metal complexation, aromaticity, 121
- Humic substances, ammonia fixation, ^{15}N -NMR, INEPT, DPETGL, ACOUSTIC, 67
- Humic substances, forest soils, organic matter, alkyl carbon, ^{13}C -NMR py-GC(-MS), 89
- Humus, forest soil, decomposition, ^{13}C -NMR, woody debris, lignin, 107
- Hydrocarbons, fatty acids, sediments, Mediterranean sea, 209
- 1-Hydroxypyrene, urine, polycyclic aromatic hydrocarbons, 197
- INEPT, ammonia fixation, humic substances, ^{15}N -NMR, DPETGL, ACOUSTIC, 67
- Integrated Model to Assess the Greenhouse Effect, chlorofluorocarbons, alternative, global warming, 229
- Isotope ratios, lead, man, environment, 251
- Kinetics, synchronous fluorescence, fulvic acids, metals, 179
- Lead, honeybees, pollution, 269
- Lead, isotope ratios, man, environment, 251
- Lignin, forest soil, decomposition, ^{13}C -NMR, woody debris, humus, 107
- Man, lead, isotope ratios, environment, 251
- Mediterranean sea, hydrocarbons, fatty acids, sediments, 209
- Metals, synchronous fluorescence, fulvic acids, kinetics, 179
- Metal complexation, humic acids, aromaticity, 121
- Methane, anaerobic, humic, microorganisms, peat, sewage, 17
- Microorganisms, anaerobic, humic, methane, peat, sewage, 17
- Mn(IV) oxide, polyphenol, abiotic ring cleavage, polymerization, environment, 147
- Nitrohumic acids (NHA), brown coal, pyrolysis GC-MS, soil incubation with NHA, soil ammonium, 49
- Organic matter, forest soils, humic substances, alkyl carbon, ^{13}C -NMR py-GC(-MS), 89
- Peat, anaerobic, humic, methane, microorganisms, sewage, 17
- Peat, uptake, caesium, zeolite, 287
- Peat sulphur, humic acid, sulphur fractions, ESCA, 133
- Plant growth, commercial humates, agriculture, geochemical characteristics, ^{13}C -NMR and IR spectroscopy, soil humates, 1
- Pollutant transport, humics, fulvics, ultrafiltration, chemical characterization, 159
- Pollution, lead, honeybees, 269
- Polycyclic aromatic hydrocarbons, 1-hydroxypyrene, urine, 197
- Polymerization, Mn(IV) oxide, polyphenol, abiotic ring cleavage, environment, 147
- Polyphenol, Mn(IV) oxide, abiotic ring cleavage, polymerization, environment, 147
- Pyrolysis GC-MS, nitrohumic acids (NHA), brown coal, soil incubation with NHA, soil ammonium, 49
- Sediments, hydrocarbons, fatty acids, Mediterranean sea, 209
- Sewage, anaerobic, humic, methane, microorganisms, peat, 17
- Soil, adsorbable organic halogens, humic acids, 281
- Soil ammonium, nitrohumic acids (NHA), brown coal, pyrolysis GC-MS, soil incubation with NHA, 49

Soil humates, commercial humates, agriculture, geochemical characteristics, plant growth, ^{13}C -NMR and IR spectroscopy, 1
Soil incubation with NHA, nitrohumic acids (NHA), brown coal, pyrolysis GC-MS, soil ammonium, 49
Sulphur fractions, peat sulphur, humic acid, ESCA, 133
Synchronous fluorescence, fulvic acids, metals, kinetics, 179

Ultrafiltration, humics, fulvics, chemical characterization, pollutant transport, 159
Uptake, peat, caesium, zeolite, 287
Urine, 1-hydroxypyrene, polycyclic aromatic hydrocarbons, 197

Woody debris, forest soil, decomposition, ^{13}C -NMR, lignin, humus, 107

Zeolite, peat, uptake, caesium, 287

